WHAT IS CLAIMED IS:

1. An electro-optical apparatus, comprising:

an electro-optical device having an image display region on which projected light from a light source is incident; and

a mounting case in which the electro-optical device is encased including a plate disposed to face one surface of the electro-optical device and a cover to cover the electro-optical, the cover having a portion abutting on the plate, the mounting case accommodating the electro-optical device by holding at least a portion of a circumferential region positioned at the periphery of the image display region of the electro-optical device with at least one of the plate and the cover,

the cover including a cover main body to accommodate the electro-optical device and a cooling air introducing portion provided to extend from or along the cover main body; and

the cooling air introducing portion having a cooling air scattering prevention portion to allow the cooling air, which is blown to the electro-optical device encased in the mounting case, to flow toward the cover main body.

- The electro-optical apparatus according to claim 1, the cooling air scattering prevention portion further comprising: a baffle plate.
- 3. The electro-optical apparatus according to claim 1,
 the cooling air introducing portion includes a slope portion having a pointed
 shape whose tip faces a direction of the flow of the cooling air, and
 the cooling air scattering prevention portion includes the slope portion.
- 4. The electro-optical apparatus according to claim 3, the baffle plate being provided so as to surround a surface constituting the slope portion.
- 5. The electro-optical apparatus according to claim 3,
 the cover main body having a window to expose the image display region to
 the outside, and

a surface of the image display region of the electro-optical device exposed through the window being continuous with the surface constituting the slope portion.

- 6. The electro-optical apparatus according to claim 5, the edge of the window having a tapered shape.
- 7. The electro-optical apparatus according to claim 1,

the cover further having a cooling air discharging portion to discharge the cooling air which is blown from the cover main body from the cover, and

the cooling air discharging portion having a first surface-area increasing portion to increase the surface-area thereof.

8. The electro-optical apparatus case according to claim 1,
the cover having a side wall portion facing the side of the electro-optical
device in the cover main body; and

the side wall portion having a second surface-area increasing portion to increase the surface-area thereof.

9. The electro-optical apparatus according to claim 8, the cooling air introducing portion including a baffle portion to blow the cooling air to the side wall portion, and

the cooling air scattering prevention portion includes the baffle portion.

10. The electro-optical apparatus according to claim 7, at least one of the first surface-area increasing portion and the second surface-area increasing portion including fins provided to protrude from the surface of the cover and/or dimples provided to form recesses on the surface of the cover.

- 11. The electro-optical apparatus according to claim 10, the fins being provided to follow the flow of the cooling air.
- 12. The electro-optical apparatus according to claim 10,
 the fins including a first column of fins and a second column of fins which
 extend parallel to the first column of fins, and

a gap between the first column of fins and the second column of fins being 1 mm or more.

- 13. The electro-optical apparatus according to claim 1, the cover being made of a material having a high heat conductivity.
- 14. An electro-optical apparatus comprising:

 an electro-optical device having an image display region on which projected light from a light source is incident; and

a mounting case in which the electro-optical device is encased including a plate disposed to face one surface of the electro-optical device and a cover to cover the electro-optical device, the cover having a portion abutting on the plate, the mounting case accommodating the electro-optical device by holding at least a portion of a circumferential

region positioned at the periphery of the image display region of the electro-optical device with at least one of the plate and the cover:

the cover including a cover main body and a cooling air introducing portion; and

the cooling air introducing portion having a slope portion having a pointed shape.

15. An electro-optical apparatus comprising:

an electro-optical device having an image display region on which projected light from a light source is incident; and

a mounting case in which the electro-optical device is encased including a plate disposed to face one surface of the electro-optical device and a cover to cover the electro-optical device, the cover having a portion abutting on the plate, the mounting case accommodating the electro-optical device by holding at least a portion of a circumferential region positioned at the periphery of the image display region of the electro-optical device with at least one of the plate and the cover,

the cover including a cooling air introducing portion, and
the cooling air introducing portion having a cooling air guiding portion to
allow the cooling air, which is blown to the electro-optical device encased in the mounting
case, to flow toward the image display region.

16. A mounting case, comprising:

a plate disposed to face one surface of an electro-optical device having an image display region on which projection light from a light source is incident; and a cover to cover the electro-optical device, the cover having a portion abutting on the plate;

the mounting case accommodating the electro-optical device by holding at least a portion of a circumferential region positioned at the periphery of the image display region of the electro-optical device with at least one of the plate and the cover,

the cover including a cover main body and a cooling air introducing portion, and

the cooling air introducing portion having a cooling air scattering prevention portion to allow the cooing air which is blown to the electro-optical device encased in the mounting case to flow toward the cover main body.

17. A projection-type display apparatus, comprising: an electro-optical device encased in a mounting case according to claim 1; the light source; an optical system to guide the projected light into the electro-optical device; a projection optical system to protect the projected light emitted from the electro-optical device; and

a cooling air discharging portion to blow out a cooling air to the electro-optical device encased in the mounting case.